



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

Rinze BENEDICTUS et al.

Examiner: J. Combs-Morillo

Serial No.: 10/642,507

Art Unit: 1742

Filed: August 18, 2003

For: HIGH DAMAGE TOLERANT Al-Cu ALLOY

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to Rules 56 and 98, Applicants hereby call the attention of the Patent Office to the references listed on the attached Form PTO 1449.

Applicants present these references so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rule 104. Applicants respectfully request that these references be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom. A check for the Rule 1.16(p) fee is enclosed.

Respectfully submitted,

Date: May 25, 2005

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APV/pgw  
ATTORNEY DOCKET NO. APV31646

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FORM PTO-1449 U.S. Department of Commerce  
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ATTY. DOCKET NO.  
APV31646

SERIAL NO.  
10/642,507

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
Rinze BENEDICTUS et al.

FILING DATE  
August 18, 2003

GROUP  
1742

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 2 9 4 6 2 5	10/81	Hyatt et al.			
	4 3 3 6 0 7 5	06/82	Quist et al.			
	5 3 7 6 1 9 2	12/94	Cassada, III			
	5 7 5 9 3 0 2	06/98	Nakai et al.			
	5 8 6 5 9 1 4	02/99	Karabin et al.			
	5 8 7 9 4 7 5	03/99	Karabin			
	6 5 6 9 5 4 2	05/03	Warner et al.			
	6 6 0 2 3 6 1	08/03	Warner et al.			
	6 2 7 7 2 1 9	08/01	Heinz et al.			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
1 0 2 6 2 7 0	02/02	EP			Abstract Only
1 1 1 4 8 7 7	07/01	EP			Abstract Only
0 9 8 9 1 9 5	03/00	EP			Abstract Only
2004 0 1 8 7 2 3	03/04	WO			
2000 3 7 7 0 2	06/00	WO			
60 0 6 7 6 3 6	04/85	JP			X

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

US Patent Appln. Publication No. 2003/0104990 A1, to Hauer et al. (USSN 10/094,781), filed March 11, 2002, published June 5, 2003.
US Patent Appln. Publication No. 2002/0031681 A1, to Heinz et al. (USSN 09/876,233, filed June 8, 2001, published March 14, 2002.

EXAMINER

DATE CONSIDERED

**EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**

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	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	60	2	5	1	2	6	0		12-85	JP			X	
		7	2	3	0	3	3		7-96	EP			X	
		4	8	9	4	0	8		6-92	EP			X	
	1	0	4	5	0	4	3		10/02	EP			Abstract only	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	US Patent Appln. Publication No. 2004/0060618 A1, to Benedictus et al. (USSN 10/639,776), filed August 13, 2003, published April 1, 2004.
	US Patent Appln. Publication No. 2003/0070734 A1, to Heinz et al. (USSN 10/195,483, filed July 16, 2002, published April 17, 2003.
	Davis, J.R., "ASM Specialty Handbook - Aluminium and Aluminium Alloys", ASM International, p 63-64 (1993).
	Davis, J.R., "ASM Specialty Handbook - Aluminium and Aluminium Alloys", ASM International, Paper No. XP-002266795, p. 20 (1996).
	N. Ridlev and J. Pilling, "Superplastic deformation characteristics of some commercial aluminium alloys", Aluminium Technology, London, Book 3, Session B, Pgs. 44.1-44.7 (March, 1986)
	Davis, J.R., ASM Specialty Handbook, "Aluminium-Lithium Alloys", pg. 121 (May, 1994)
	Davis, J.R., ASM Specialty Handbook, "Aluminium and Aluminium Alloys", pgs. 143-147 (1993)
	"ASM Handbook: Vol. 2 Properties and Selection: Nonferrous Alloys and Special-Purpose Materials", ASM International, pgs. 70-79 (1990)
	"ASM Handbook: Vol. 9 Metallography and Microstructures", ASM International, pgs. 364-365 (1985)

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Office action, Jan. 25, 2005 for US Pat. App. Ser. No. 10/642,518
	Office action, Jan. 12, 2005 for US Pat. App. Ser. No. 10/639,776
	Office action, Nov. 1, 2004 for US Pat. App. Ser. No. 09/876,233
	Office action, Oct. 6, 2004 for US Pat. App. Ser. No. 10/195,483
	ASTM E112-96, Standard Test Methods for Determining Average Grain Size (1996)

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